

Date: Sun, 2 Oct 94 04:30:20 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: List
Subject: Ham-Equip Digest V94 #355
To: Ham-Equip

Ham-Equip Digest Sun, 2 Oct 94 Volume 94 : Issue 355

Today's Topics:

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want drake 6-meter eq.
WANTED: DX-60, SB-101
WANTED: Simpson 00748 RF probe
Yaesu FT-727R Evaluation

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 1 Oct 1994 15:10:05 GMT
From: folson@prairienet.org (Fran Olson)
Subject: FS SSTV ROBOT 400 or TRADE

I have a SSTV (slow scan) Robot 400 for sale or trade.

If you are interested contact me by email.

=====

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Fran Olson (WB9ULS) email:folson@prairienet.org
P.O. Box 1122
Champaign, Il. 61824-1122
U.S.A.

Date: Fri, 30 Sep 1994 13:39:11 GMT
From: dtiller@cscsun.rmc.edu (David Tiller)
Subject: Fun with oscilloscopes

Kenneth E. Harker (Kenneth.E.Harker@Dartmouth.Edu) wrote:

: ... and have hooked it up to my stereo. (Connect each probe to a short
: piece of wire plugged into the same speaker ports as the speaker wire
: goes into, and connect one of the probes' ground leads to the ground
: screw on the back of the receiver/amp. Make the upper sweep horizontal
: and the lower sweep vertical.)
: So, now I get to see all the waveforms in the music, some of
: which form really cool patterns. And when I have my door open, the
: scope is visible from the hallway, so I get all sorts of attention. :-)

What you have is a Lissajous pattern generator. It can be used to compare
the frequency ratios of two signals by counting the number of "loops" horiz
vs vertical. This I think is used to calibrate rty setups, giving the
classic 'eye' pattern. You could also use a similar setup to trace
transistor gain curves. (horiz = base voltage, vert = collector voltage).
If you want another neat idea, connect small speakers up and tape tiny
mirrors on the cones, one speaker mounted vertical, the other horiz. Shoot
a laser off both mirrors and onto a wall. A free laser show!! Watch out
for laser safety, for your eye's sake!!!

I sometimes monitor my ham RF output to check for clipping, modulation, etc.
'Scopes are _very_ useful!!!

--

David Tiller	Network Administrator	Voice: (804) 752-3710	
dtiller@rmc.edu	n2kau/4	Randolph-Macon College	Fax: (804) 752-7231
"Drunk, [Beowulf] slew no	P.O. Box 5005	ICBM: 37d 42' 43.75" N	
hearth companions."	Ashland, Va 23005		77d 31' 32.19" W

Date: 1 Oct 94 12:51:55 -0500
From: tjgoodwin@msuvx2.memphis.edu
Subject: Help w/adding PL tone to IC-25H

Does anyone know how to add PL tones to the ICOM IC-25H 2M mobile transciever? Commercial units or homebrew. Can I build the circuit and route the output to the audio input of the rig? Help please
Reply via e-mail tjgoodwin@msuvx1.memphis.edu

73

Tim, AD4JM

Date: 1 Oct 94 16:25:49 GMT
From: fgilmore@ozarks.SGcl.lib.mo.US (C. Frank Gilmore)
Subject: HTX-202 caveat

Until recently I thought I was the only one to encounter a weak-link in the '202 but have since talked to three others who had the same experience.

To wit: In removing or replacing the battery case it is very easy to crack the thing ridge of plastic on the lower front panel. At first appearance this looks like a bit of trim to cover the metal guide rails for the battery....wrong! This holds the entire battery pack in position to prevent lateral movement. Once cracked the battery case "wobbles" and DC voltage contact is intermitent. A call to Tandy resulted in a price qoute of >>\$78.00<< for a new case! At present a very strong, very wide rubber band is holding the trim in place until I decide what cement I want to use on it. Mine broke as I was sliding the pack off....others have said theirs broke sliding it on. It appears any slight misalignment puts pressure on this extremely this strip of plastic...then zap.

73, de Frank K0JPJ ex-W5PVX
fgilmore@ozarks.sgcl.lib.mo.us

Date: 1 Oct 1994 11:19:15 GMT
From: jhillird@ix.netcom.com (Jeff Hilliard)
Subject: KAM Problem with writing to EEPROM - Any Help?

I have a Kantronics KAM. Just upgraded to version 4 with a new Eprom. When I fire it up I get a message "Can't write to EEPROM" or something similar. I've tried tech support hotline and so far have not been able to even get an answer. Any ideas?

Jeff Hilliard WA6IOK jhillird@ix.netcom.com

Date: 28 Sep 94 18:49:30 -0500
From: jlb Bowman<jlb Bowman@indyvax.iupui.edu>
Subject: Kenwood TM-742

Ted,

I have been using a Kenwood 742 since about the time it was first released. Nothing but good performance in my shack. Easily programmed and the circuitry is readily accessed. My set-up utilizes the raw audio (pre-discriminator) output feeding a PrivatePatch V. This gives me a cross-band repeater, autopatch, CW identifier, and switchable input frequencies. The unit is remote controllable with DTMF codes and provides the ability to change freqs, CTCSS on/off, power level, VFO/MEM/CALL, etc. Only flaw is the "ability" of the radio to pick up ambient DTMF signals in the shack which can then change the operating parameters if one is not paying attention. This only occurs when the speaker mike is the selected mode vs the PrivatePatch. The option of a third band is another nice feature. All in all, I am very happy with the purchase and user-friendliness of the radio. Drop me a line if you would like some specific info.....

Jeffrey.....AA9GP

In article <5c6XIKu.tmorange@delphi.com>, tmorange@delphi.com writes:

>
> Does anyone out there have a TM-742 and can you tell me how it
> preforms.
> Thx,73 Ted Morange

Date: 30 Sep 1994 19:03:46 -0500
From: beavis@pentagon.io.com (beavis)
Subject: Mocom 70 help

Can someone point me in the right direction:
on how to convert a Motorola Mocom 70 to
2 meters. I have a complete radio but
no manual or documentation of any kind.
The radio is currently on 152mhz, or
something close. Any assistance would be
appreciated. tnx, beavis (beavis@io.com)

Date: Fri, 30 Sep 94 21:39:52 -0400
From: "phil reed" <p01613@psilink.com>
Subject: MOD For HTX-202 TX/RX Freq.

Florence M. Hurley <fhurley@calvin.stemnet.nf.ca> writes:

>
>Does anyone have any idea of how to modify this rig for general rx on the

>VHF band??
>
>Florence F. Hurley
>Fhurley@Calvin.Stemnet.ca
>
>---

Sorry, not possible. The HTX-202 is designed to NOT receive outside the 2m band, thus rejecting all that crap from pagers and other nearby radio services.

If you want to receive extended range VHF, you'll need a different radio or a scanner.

...phil / kb8uoy

Date: Sat, 1 Oct 1994 16:04:07 GMT
From: milcom@netcom.com (wayne roberts)
Subject: Motorola Spectra On 900 MHz Ham Band?

Fred Towers (ftowers@richmond.infi.net) wrote:
: Has anyone gotten a Motorola Spectra working on the 902-928 MHz
: band? If so, would you please post (or send to me by e-mail)
: the modifications required?

I sent two out to a guy in new jersey who had the software to program them to the ham band. This guy uses syntor x conventional on the ham band.

One of our spectra was trunking only, the other had only one conventional channel. Only conventional channels can be programmed to the ham band. Then the VCO needs to be adjusted to lock up. And of course the rx front end & pa need to go thru the works too. An immense pain.

I found the company in san diego call RF Neulink (also RF industries) which is known for rf connectors/adapters. They have new transmitters & receivers for vhf/uhf/900mhz. they are crystal controlled. They have another model for 900mhz which is synthesized.

Date: Sat, 01 Oct 94 18:01:18 GMT
From: jangus@skyld.grendel.com (Jeffrey D. Angus)
Subject: Need Info on HF radios for SAIL BOATS

In article <Cwxqu4.B5n@rahul.net> Chris writes:

> I'm looking for information on appropriate HF rigs for installation
> on sailboats.

Icom IC-735, with an AH-2 antenna tuner. Look around it is a simple 2 diode mod to make it "transmit out of band". Plan on having it taken away from you if you insist on using it instead of a type accepted marine band radio. Hang out on rec.radio.swap look at the local swap meets. Keep an eye on the consignment shelf in your ham stores.

It is a simple yet very effective piece of equipment from Icom that does exactly what it is supposed to do. Work well.

73 es GM from Jeff

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM	"You have a flair for adding
Internet: jangus@skyld.grendel.com	a fanciful dimension to any
US Mail: PO Box 4425 Carson, CA 90749	story."
Phone: 1 (310) 324-6080	Peking Noodle Co.

Hate "Green Card Lottery"? Want to help curb ignorant crossposting on Usenet?
E-mail ckeroack@hamp.hampshire.edu for more information, or read news.groups.

Date: 1 Oct 1994 12:54:17 -0600
From: bradf@glock.ramp.com (Brad Fisher)
Subject: Radio Shack HTX-202: Good Buy

Steven M. Palm (smp@agape.sol.net) wrote:

: I love my little HTX-202, but it really has me irritated right now.

: I picked up a BP-8 8v high capacity battery and a BC-35 Drop-In
: Quick Charger for the unit at a swapfest. But, guess what? The
: BP-8 hates the HTX-202, or the other way around.

: I took it back to Radio Shack, and ALL the units in the store have
: the same problem: If you are powered from the BP-8 and you transmit,
: (not all the time) but all too frequently it sends the unit into the
: Er2: PLL Unlock error. Turning the unit on and off again clears the
: error, but it's a real PAIN!!!

: Needless to say I'm a bit miffed, but the guy at the shack KNEW of
: the problem, and said that the 12v battery seems to work fine, but
: the 8V that I have just will not work in the HTX-202.

Hmmm . I've been using an IC-CM8 pack on my 202 for about 2 years now, but never had this problem. I did have to open up the battery pack and remove the ball detent, as the RS packs just have a dentent on the radio side.

--

-= Brad Fisher =- (PPSEL)	I'm just Selah Software, Inc.
internet: bradf@ramp.com	a Tech Support
packet: N7XSS@KC7Y.AZ.USA.NA	wanna be Mesa, AZ
http://www.ramp.com/~bradf/	UNIX guru! 602/464-0328

Date: Fri, 30 Sep 1994 19:48:20 GMT
From: sparker@phoenix.Princeton.EDU (Scott E. Parker)
Subject: Reliable Repair

I have an old Drake TR-4 which is having xmit troubles and I would like to fix it. Can anyone recommend a reliable ham radio repair person close to Princeton, NJ. Thanks for your help. email is best: sparker@theory.pppl.gov
-Scott Parker

Date: 28 Sep 1994 16:36:39 GMT
From: ys@isr.harvard.edu (Yuzuru Suzuki)
Subject: Three Monobanders for Sale

* Three Monobanders (20, 15, and 10 Meters) for Sale *
* *

Harvard Wireless Club W1AF of Harvard University would like to sell our three monobanders (20, 15, and 10 meters) which we just replaced by a log periodic dipole array.

- * Manufactured by TEL-REX
- * Each monobander has 35-foot boom.
- * A few years old
- * Asking for \$1,000 for a whole set
(A brand new set would cost \$1,800.)

These antennas are currently on the roof of the three-story building. Unfortunately, we can not perform disassembling or shipping for you, so we would like you to come to our building and take them. Our building is located at 6 Linden Street, Cambridge, MA 02138. It is

just a few blocks from Harvard Square.

If you are interested, please send your e-mail directly to me:

Yuzuru Suzuki, AA1JA (ys@isr.harvard.edu)

Date: 1 Oct 1994 03:24:26 GMT
From: AJF@arlvox.arl.psu.edu (ANTHONY J. FERRARO)
Subject: want drake 6-meter eq.

want to buy drake six meter tranceiver.
Please contact at ajf@arlvox.arl.psu.edu
73/Tony

Date: Fri, 30 Sep 1994 01:58:06
From: umina@kirk.mchip.com (Len Umina)
Subject: WANTED: DX-60, SB-101

Wanted: DX-60 an SB-101 Heathkits.

Please reply by email if possible.

Thanks,

Len WA1IOB
Work: 508-820-3334

Date: Fri, 30 Sep 1994 16:44:11 GMT
From: phb@syseng1.melpar.esys.com (Paul H. Bock)
Subject: WANTED: Simpson 00748 RF probe

WANTED: Simpson Model 00748 RF Probe, or the name/address/tel #
of a source of supply.

	* Paul H. Bock, Jr.	* Principal Systems Engineer
(_)	* E-Systems/Melpar Div.	* Telephone: (703) 560-5000 x2062
)	* 7700 Arlington Blvd.	* Internet: pbock@melpar.esys.com
	* Falls Church, VA 22046	* Mailstop: N203

"What? Us, Interfere? Of course we're going to interfere!
Do what you're best at, that's what I always say!" -- Dr. Who

